



भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं० 42]

नई दिल्ली, शनिवार, अक्टूबर 21, 1995 (आश्विन 29, 1917)

No. 42]

NEW DELHI, SATURDAY, OCTOBER 21, 1995 (ASVINA 29, 1917)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 21st October 1995

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1-397 G1/95.

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Calcutta-700020.

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पेटेंट कार्यालय

एकत्र तथा अभिकल्प

कलकत्ता, दिनांक 21 अक्टूबर 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में रक्षित हैं :—

पेटेंट कार्यालय शाखा, रोडो इस्टेट,
तीसरा तल, लोअर परले (पश्चिम),
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405; तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिक”

पेटेंट कार्यालय शाखा,
61, बालाजाह रोड,
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,
मिनिक्काय तथा एमिनिदिवि द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय,
भवन 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अभिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की जा सकती है ।

CORRIGENDUM

Under the heading “NO PATENT” in the Gazette of India, part III, Section-2 dated 22-08-95, notified on 23-09-95 ‘delete’ the number “168847”.

ALTERATION OF DATE UNDER SECTION 16

Patent No. 175900 (258/M/93) Ante-dated to 22nd December 1989.

Patent No. 175890 (213/M/93) Ante-dated to 1st November 1989.

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under section 135, of the Patent Act, 1970.

08-08-1995

922/Cal/95. China Petrochemical Corporation and Research Institute of Petroleum Processing, Sinopec. Process for the preparation of γ Butyrolactone.

923/Cal/95. Koyo Sangyo Co. Ltd. Method for forming aggregation body by thermocompression. (Convention No. 6-195489; dated 19-08-1994; in Japan).

924/Cal/95. USG Interiors, Inc. A gypsum/cellulosic Fiber Acoustical Tile Composition. (Convention No. Hel 08/287, 392; on 8-8-94; in U.S.A.).

925/Cal/95. Siemens Aktiengesellschaft. Process and apparatus for the directional solidification of a melt. (Convention No. PCT/DE94/00914; on 8-8-94; in PCT).

926/Cal/95. Richter Elitex A.S. Usti Nad Orlici. Method of Conveying tubes on a textile machine and device for carrying out the method. (Convention No. PV 2055-94; on 24-8-94; in Czech Republic).

927/Cal/95. Eli Lilly and Company. Synthetic Excitatory Amino Acids. (Convention Nos. 08/289, 957 & 08/337, 349; & Nil; on 12-8-94 & 10-11-94 & 29-6-95; in U.S.A.).

928/Cal/95. Thomson Tubes and Displays, S.A. Inline electron gun having improved beam forming region. (Convention No. 94 10312; filed on 26-8-94 in France).

09-08-1995

929/Cal/95. EMS Inventa Ag. Process for preparing linear copolyesters containing omega Hydroxycarboxylic acid units.

930/Cal/95. Somar Corporation. Film applying method and apparatus for carrying out the same. (Convention No. 7-123455; dated 23-05-95; in Japan).

931/Cal/95. Gytec Technology Corp. A method of stabilizing slurries. (Convention No. 08/289, 966; or 12-8-94; in U.S.A.).

932/Cal/95. E.I. Du Pont De Nemours And Co. Temperature Control of near-infrared analyzer (Convention No. 289554, on 12-8-94 in U.S.A.).

933/Cal/95. Degussa Aktiengesellschaft. Method for manufacturing 2-Hydroxy-4-Methylthiobutyric Acid (MHA) and use thereof. (Convention No. P 4428608.2; on 12-8-94; in Germany).

934/Cal/95. Chittaranjan Ghosh Dastidar. An improved on line water filter.

11-08-1995

935/Cal/95. KSB Aktiengesellschaft. Valve with integrally cast seating rings. (Convention No. P4429295.3 filed on 18-8-94; in Germany).

936/Cal/95. KSB Aktiengesellschaft. Adjustable sealing device. (Convention No. P4429298.8; on 18-8-94; in Germany).

937/Cal/95. KSB Aktiengesellschaft. Valve with below gasket. (Convention No. P4429300.3; on 18-8-94; in Germany).

938/Cal/95. KSB Aktiengesellschaft. Method for restoring sealing surface. (Convention No. P4429299.6; filed on 18-8-94; in Germany).

939/Cal/95. The Timken Company. Antifriction bearing capable of generating electrical energy. (Convention No. 08/304, 374; dated 12-9-94; in U.S.A.).

940/Cal/95. Manfred Schanz. Fastening device for a tool or working-piece. (Convention No. P4428310.5; on 10-08-94; in Germany).

941/Cal/95. Terence Alan Russel. Structural Strengthening. (Convention No. PM7396; on 11-08-1994; in Australia).

942/Cal/95. Comsat Corporation. Provision of Proprietary and Enhanced Capabilities in Group 3 Facsimile for Mobile Satellite Communications. (Convention No. 08/303107; on 10-08-94; in U.S.A.).

943/Cal/95. Monitoring Technology Corporation. Digital Signal Processing of encoder Signals to detect Resonances in Rotating machines.

14-08-1995

944/Cal/95. Daewoo Electronics Co., Ltd. Booth Encoder in a Binary Multiplier.

945/Cal/95. Sam Yang Co., Ltd. Coating Composition for surgical Sutures and surgical Sutures Coated therewith.

946/Cal/95. Yuhan Corporation. Novel Pyrimidine Derivatives and processes for the preparation thereof.

947/Cal/95. Biostar B.V. Process for purifying flue gas containing nitrogen oxides.

948/Cal/95. Kabushiki Kaisha Yakult Honsha. Preparation of Novel Camptothecin derivatives and its composition for use as antitumor agents.

949/Cal/95. McCann's Engineering & Manufacturing Company. Liquid dispenser for use with containers.

950/Cal/95. SKF Textilmaschinen-Komponenten GmbH. Drafting system rolling mill for a spinning machine. (Convention No. P4429671.1; on 20-08-94; in Germany).

951/Cal/95. General Electric Company. Sigma Delta Analog-to-Digital Converter network formed on an integrated circuit chip. (Divided out of No. 656/Cal/90; antedated to 01-08-1990).

952/Cal/95. Eli Lilly and Company. Excitatory amino acid receptor antagonists. (Convention Nos. 08/303, 255 & Nil; filed on 08-9-94 & 10-7-95; in U.S.A.).

953/Cal/95. Hoechst Aktiengesellschaft. Pigment for electro-photographic toners and Developers. (Convention No. P4435543.2; on 05-10-94; in Germany).

954/Cal/95. Siemens Aktiengesellschaft. Heating chamber equipped with heating tubes, for solid material. (Convention No. P4429908.7; filed on 23-08-94; in Germany).

955/Cal/95. Lasle Bucher GmbH. Method and device for material Preparation. (Convention No. P4429244. on 18-8-94; in Germany).

956/Cal/95. Thomson Consumer Electronics, Inc. System for processing a video signal via series-connected high speed signal processing smart cards. (Convention No. 292, 830; on 19-8-94; in U.S.A.).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month, apply on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice, or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार(4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व, पेटेंट नियम, 1972 के तहत विहित प्रपत्र-14 पर आवेदन एक की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रण, एकल को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

इफॉकन (चित्र बारबो) की फोटो प्रतिमां यदि कोई हो, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतिमां की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यांतरण प्रभार, जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र बारबो को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यांतरण प्रभार 2/- रु. है) फोटो लिप्यांतरण प्रभार का परिचय किया जा सकता है।

Ind. Cl.: 188

175881

Int. Cl.: C 23 C 2/18.

A DEVICE FOR GAS JET WIRING OF A FILAMENT.

Applicant: AUSTRALIAN WIRE INDUSTRIES PTY. LIMITED A COMPANY INCORPORATED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW SOUTH WALES, COMMONWEALTH OF AUSTRALIA, OF 37-49, PITT STREET SYDNEY, NEW SOUTH WALES, 2000, AUSTRALIA.

Inventors:

1. RAYMOND JOHN COPAS.
2. COLIN JOSEPH GRACE.
3. MALCOLM ALLAN ROBERTSON.

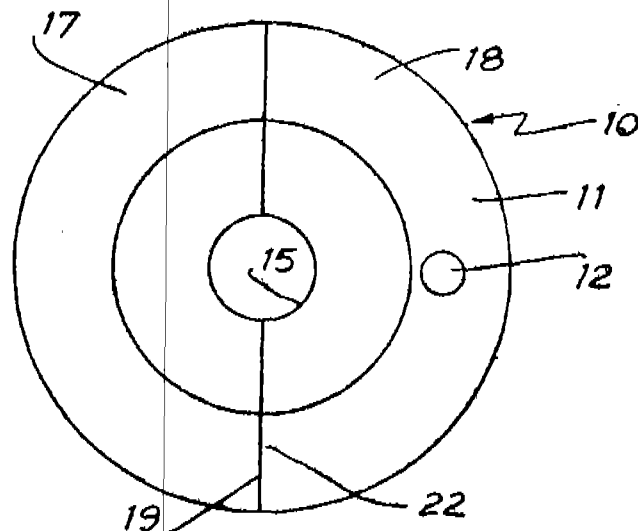
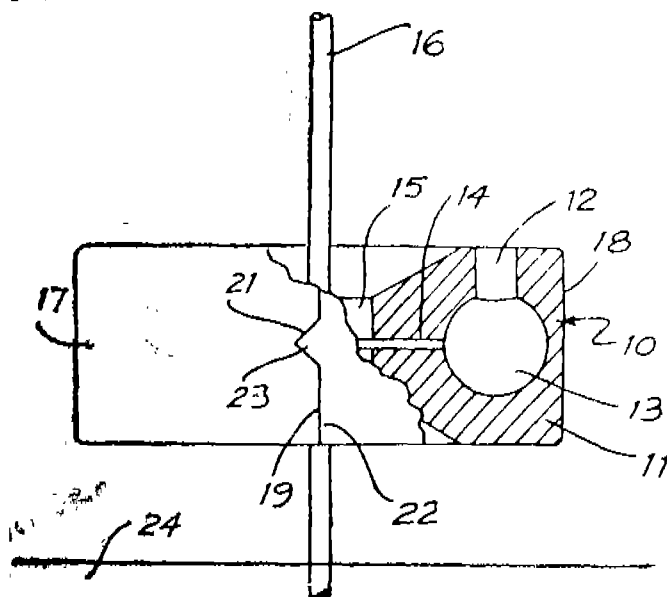
Application No. 660/Mas/89 filed on 5th September 1989.

Convention No. PJ 0403 dated 13-09-88 (Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), The Patent Office Branch, Madras-600 002.

6 Claims

A device for gas jet wiping of a filament comprising a gas jet wiping nozzle and a reactive gas containment vessel wherein the said nozzle and the said containment vessel are made of at least two non-annular parts for forming an annulus when abutted together, the said at least two non-annular parts are separable from one another in a direction transverse to the direction in which the filament would pass through the nozzle and the containment vessel and retaining means are provided for releasably retaining the said two non-annular parts in abutment.



(Compl. Specn. 14 pages;

Drgns. 4 sheets)

Ind. Cl.: 170 A

175882

Int. Cl.: C 09 K 3/14.

A PROCESS FOR MANUFACTURING AN ABRASIVE ARTICLE.

Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY, A CORPORATION OF THE STATE OF DELAWARE U.S.A. OF 3 M CENTER, SAINT PAUL, MINNESOTA 55144-1000, U.S.A.

Inventors:

1. ERIC G. LARSON.
2. ALAN R. KIRK.

Application No. 804/Mas/89 filed on 2nd November 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), The Patent Office Branch, Madras-600 002.

17 Claims

A process for manufacturing an abrasive article comprising abrasive grains, and at least one binder formed from a precursor comprising an aminoplast resin having on average at least 1.1 pendant α , β -unsaturated carbonyl groups per molecule comprising the steps of providing a binder precursor comprising the steps of providing a binder precursor comprising an aminoplast resin having on average at least 1.1 pendant α , β -unsaturated carbonyl groups per molecule; providing abrasive grains; contacting said abrasive grains with said binder precursor; curing said binder precursor to obtain abrasive article.

(Compl. Specn. 51 pages;

Drg. 1 sheet)

Ind. Cl.: 157 D 3 & 158 D.

175883

Int. Cl.: B 61 K 3/00.

AN ON-BOARD LUBRICATING DEVICE FOR LUBRICATING A RAILROAD TRACK RAIL.

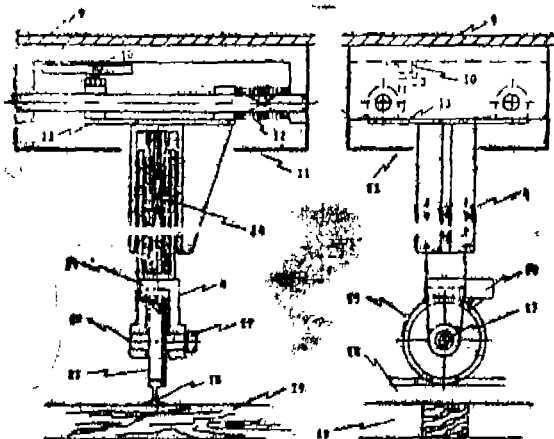
Applicant & Inventors: SUDHIR KUMAR & SHIV RAJ KUMAR, BOTH CITIZENS OF U.S.A. OF 17 W 434 SUTTON PI WESTMONT, ILLINOIS 60559, U.S.A.

Application No. 845/Mas/89 filed on 20th November 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), The Patent Office Branch, Madras-600 002.

8 Claims

An on-board lubricating device for lubricating a railroad track rail, the device to be mounted on the last locomotive behind the last tractive wheel, comprising, a frame adapted for mounting on the locomotive car body, a lubricating wheel having a tread and a flange, means connected to the frame for rotatably mounting the lubricating wheel such that the wheel tread is in constant contact with the crown of the rail and the wheel flange is in constant contact with the gage side of the rail, and a lubricant dispensing unit mounted on the device for applying a first lubricant to the tread of the lubricating wheel and a second lubricant to the flange of the wheel.



(Compl. Specn. 24 pages;

Drws. 10 sheets)

Ind. Cl.: 187-E₄ & E₆

175884

Int. Cl.⁴: H 04 M 1/05.

A TELEPHONE HANDSET SUPPORT DEVICE.

Applicant: SUN PLAN INVESTMENTS LIMITED, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF HONG KONG, OF LEVEL 9, ONE PACIFIC PLACE, 88 QUEENSWAY, HONG KONG.

Inventor: DENNIS CHAN.

Application No. 161/MAS/90 filed March 2, 1990.

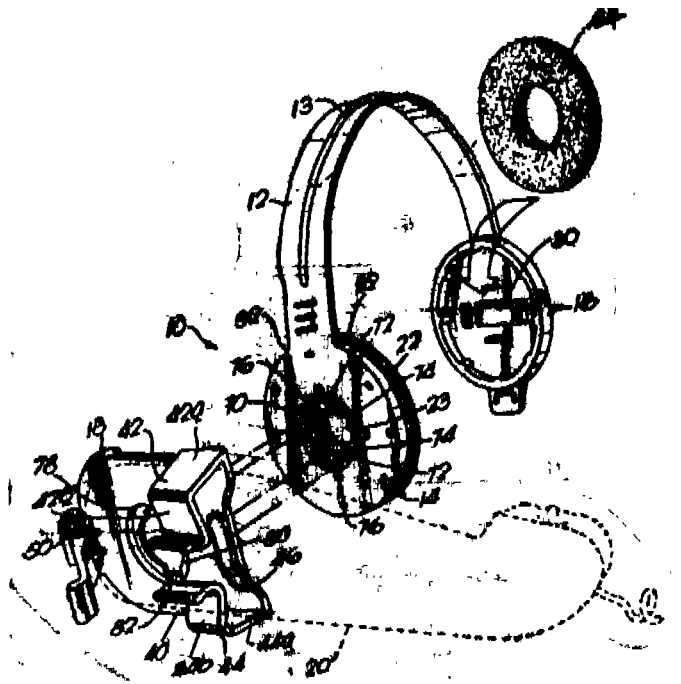
Convention date: March 3, 1989; (No. 8904912.6; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 Claims

A telephone handset support device; comprising a resilient headband for fitting over the user's head, earpads adjacent either end for engaging the ears of the user, and a clip which is detachably attached to one earpad, the clip comprising a base having; connecting means for detachably connecting the base to the headband, the connecting means comprising a central opening so that sound from the speaker in the telephone earpiece can pass through the connection means and

headband to the user's ear, a pair, of spaced resilient gripping arms which extend generally outwardly away from the base and towards one another to define a region into which the earpiece of a telephone handset positioned such that the arms grip around that earpiece, and a resiliently mounted cover urged towards the base and bear on the earpiece so as to press this against the base and together with the gripping arms retain the earpiece in the clip.



(Compl. 14 pages;

Drws. 3 sheets)

Ind. Cl.: 40-F

175885

Int. Cl.⁴: B 01 J 8/04, 8/06.

A REACTOR FOR EXOTHERMIC HETEROGENEOUS SYNTHESIS REACTIONS.

Applicant: AMMONIA CASALE SA OF VIA DELLA POSTA 4, CH-6900 LUGANO SWITZERLAND, A SWISS COMPANY AND UMBERTO ZARDI OF VIA LUCINO 57 CH-6932 BREGANZONA SWITZERLAND A SWISS CITIZEN.

Inventor: GIORGIO PAGANI.

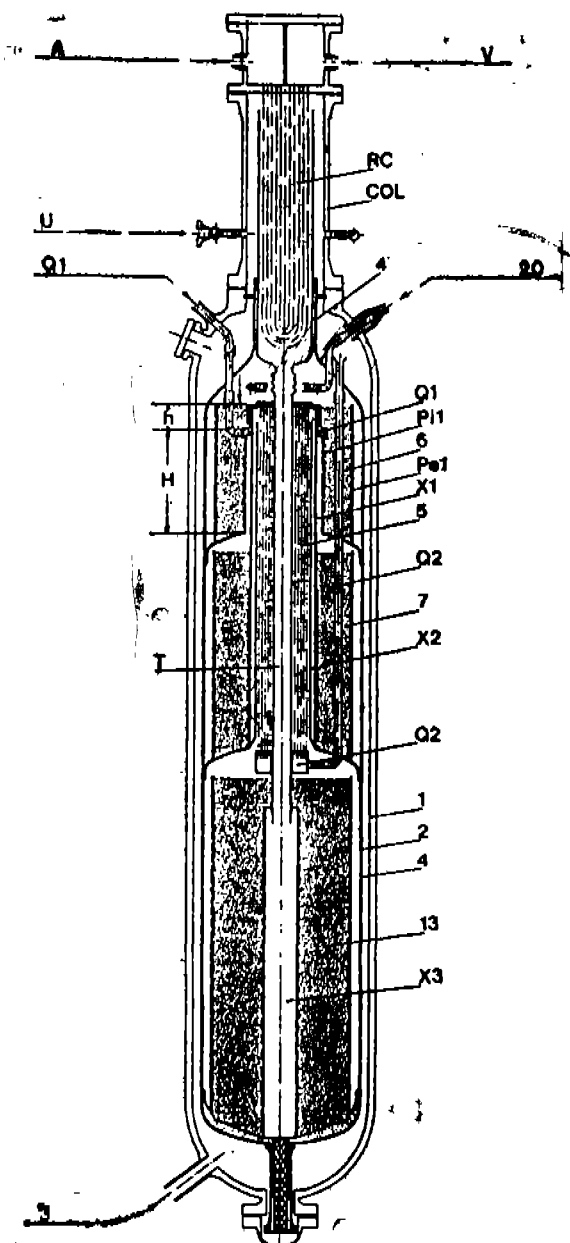
Application No. 176/Mas/90 filed on 9th March 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), The Patent Office Branch, Madras-600 002.

7 Claims

A reactor for exothermic heterogeneous synthesis reactions comprising a pressure-resisting outer shell (1) provided with opposite upper (COL) and lower (X3) ends and having

inlets for feeding unreacted fresh gas (3, 20, 01), a plurality of catalytic beds (6, 7, 13) superimposed but separate from one another, a gas/gas exchanger (5) for cooling the reacted gases leaving at least one of said catalytic beds (6, 7, 13) and at least one quench means, a centrally located tube (T) within said catalytic beds (6, 7, 13) connecting said lower (X3) and upper (COL) ends of the shell (1) together, and a steam generating boiler (RC) located inside said upper end (COL) of the shell (1), whereby the heat of the hot reacted gases leaving said lower end (X3) of the shell (1) is recovered.



(Compl. Specn. 15 pages;

Drg. 1 sheet)

Ind. Class : 151 C

175886

Int. Class⁴ : B 21 C 37/06.

"ARMOURFD FLEXIBLE PIPE".

Applicant : INSTITUT FRANCIS DU PETROLE OF 4 AVENUE DE BOIS PREAU 92502 RUEIL MALMAISON FRANCE AND COFLEXIP OF 23 AVENUE DE NEUILLY 75116 PARIS FRANCE BOTH FRENCH COMPANIES.

Inventors : 1. ANDRE SUGIER.

2. JOSE MALLEN HERRERO.

Application No. 414/Mas/1990 filed on 25th May 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

20 Claims

Armoured flexible pipe having one or more of the following components, an armouring resistant to pressure (3), an armouring resistant to traction (5) and/or an inner casing (1), characterised in that at least one of the said components comprises one or more elongate elements such as a profiled section, cable, wire or strip, the said element being composed of a composite material with an aluminium alloy matrix including reinforcement elements consisting of particles and/or whiskers of alumina or silicon carbide used in a proportion by weight of less than 40%, in that the particles used have a size of between 4 and 400 μm , in that the whiskers used have a diameter of 0.01 to 10 μm and a length of 10 to 600 μm , in that the said elongate element has a tensile strength (R_m) of at least 300 MPa and preferably at least 350 MPa, and in that the young's modulus of the said elongate element is greater than 75,000 MPa (7560 kg/mm²).

(Compl. Specn. 47 pages;

Drg. 1 sheet)

Ind. Class - 87-A

175887

Int. Cl.⁴ - A 63 C 17/02

A SKATEBOARD.

Applicant : ROGER WILLIAM ANDERSON, AN IRISH CITIZEN, OF 31 WILDS CREST, 10TH STREET, KILLARNEY, JOHANNESBURG, TRANSVAL, REPUBLIC OF SOUTH AFRICA.

Inventors : (1) ERIC OLIVER MACLEOD SMITH

(2) JAMES FISHER

(3) SIMON KING

Application No. 672/Mas/90 filed August 23, 1990.

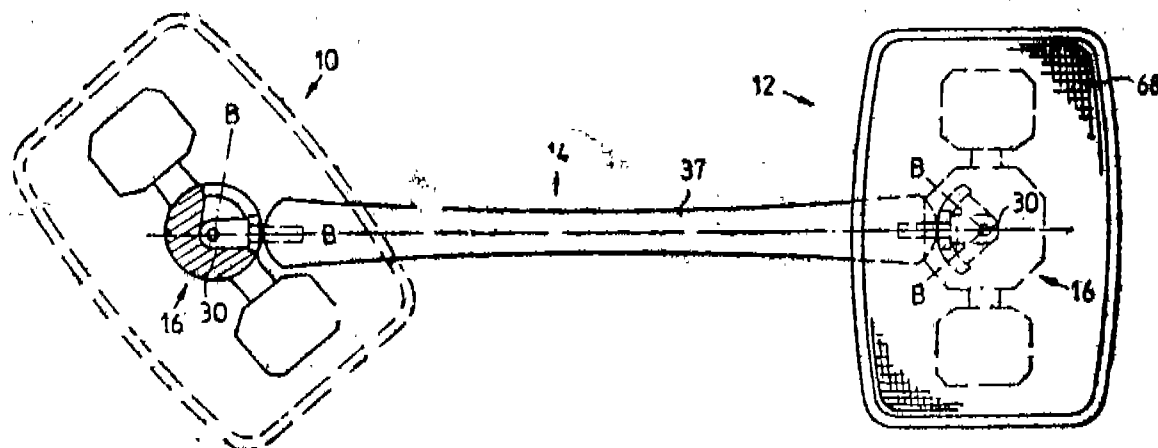
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

8 Claims

A skateboard having two footboards located on a common plane with each footboard comprising a foot platform and a wheel-set carrying two wheel in axial alignment fixed to the underside of the platform characterised in that the footboards are spaced from each other by a spacer element for holding

the footboards in their spaced relationship and a pivot arrangement having a pivot axis (A) which is perpendicular

to the plane of the foot platforms connecting each footboard rotatably about its pivot axis (A) to the spacer element.



(Com. - 15 pages;

Drawgs. - 3 sheets)

Ind. Class - 116-B

175888

Int. Cl.4 - B 65 D 88/72

▲ DEVICE FOR HANDLING OF BULK MATERIAL

Applicant : INDUSTOR AB, OF BOX 7775, S-103 96 STOCKHOLM, SWEDEN, A SWEDISH COMPANY.

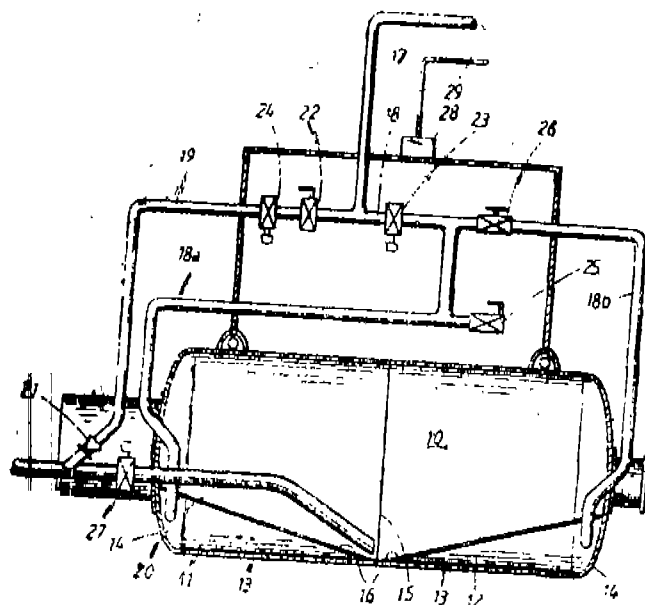
Inventor : TORE MANSSON.

Application No. 772/Mas/90 filed October 1, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 Claims

A device for the handling of bulk material comprising a pressure vessel with at least two members (11, 12) for mechanically enclosing a volume of bulk material, and a conduit (17, 18) connected to the pressure vessel for supplying a pressurized gas thereto for carrying off the enclosed material by way of a discharge conduit (20) wherein the members (11, 12), are provided with means (35) for moving them between an open and a closed position, for grabbing an amount of bulk material.



(Com. - 15 pages; Drawgs. - 4 sheets)

Ind. Class - 194-C₁

175889

Int. Cl.4 - B 21 D 22/10.

A METHOD AND DEVICE FOR MAKING A CATHODE RAY TUBE MASK FROM A SHEET METAL BLANK ON A PRESS.

Applicant : SOLIAC, IMMEUBLE ELYSEES LA DEFENSE, 29 LE PARVIS 92800 PUTEAUX, FRANCE, A FRENCH COMPANY.

Inventor : DE SMET GABRIEL FERDINAND.

Application No. 1015/Mas/90 filed December 14, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

19 Claims.

A method of making a cathode ray tube mask from a sheet metal blank on a press the said method comprising the steps of placing the sheet metal blank (1) having a central part (1a) and a peripheral part (1b) between a deformable punch (20) and a deformable die (11), clamping the central part (1a) of the sheet metal blank (1) between the base (24) of the deformable and curved punch (20) and the horizontal plane of a likewise deformable upper die part (14) of the deformable die (11) flattening the base (24) of the punch (20), applying a compressive force over the entire surface of the punch (20) deforming the upper die part (14) and the sheet metal blank (1) while the base (24) of the deformable and curved punch (20) assuming the initial curvature, exerting a mechanical action on a peripheral forming member (30) for applying pressure to a deformable ring (36) made from incompressible elastic material and thereby deforming the ring (36) pressing against the peripheral free part (1b) of the sheet metal blank (1) effecting a controlled bonding of the said peripheral free part (1b) and forming a flanged edge for the cathode ray tube mask.

Com. - 21 pages; Drawgs. - 7 sheets)

Ind. Class - 136-A&F

175890

Int. Cl.4 - B 29 C 41/02

A METHOD AND A MOULD FOR CAST MOULDING A CONTACT LENS.

Applicant : NATIONAL RESEARCH DEVELOPMENT CORPORATION, A UNITED KINGDOM STATUTORY CORPORATION, OF 101 NEWINGTON CAUSEWAY, LONDON SE1 6BU, ENGLAND.

Inventors : (1) RONALD SHADE HAMILTON
(2) WILLIAM EDWARD SEDEN

Application No. 213/Mas/93 filed March 26, 1993.

Divisional to Patent Application No. 798/Mas/89, Antedated to November 1, 1989.

Convention date : November 2, 1988; (No. 8825650.8; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

22 Claims

A method of cast moulding a contact lens comprising the steps of filling with a monomer a mould cavity, said mould cavity being defined between a male mould surface of a first mould part and a female mould surface of a second mould part, curing the monomer in said cavity to thereby polymerise the monomer to form said contact lens, opening the mould defined by said first and second mould parts so that the cast contact lens is supported on said male mould surface of said first mould part, sealing a cover member onto said first mould part to provide a package for said cast lens.

(Com. - 23 pages; Drawgs. - 3 sheets)

Ind. Class - 144-E₄

175891

Int. Cl.⁴ - C 09 D 3/00.

A PROCESS PREPARING A SELF-BONDING ENAMEL SOLUTION HAVING A LONG SHELF LIFE.

Applicant : BASF LACKE + FARSEN AKTIENGESellschaft, A GERMAN JOINT STOCK COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY WITH A REGISTERED OFFICE AT 4400 MUENSTER, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) PETER HOESSEL
(2) PAUL BOERZEL
(3) KLAUS LIENERT
(4) HELMUT LEHMANN

Application No. 167/Mas/90 filed March 6, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 Claims

A process for preparing a self-bonding enamel solution having a long shelf life, comprising continuously mixing (a) from 10 to 50% by weight of a polyamide having a molecular weight ranging from 4000 to 40,000 (b) from 1 to 30% by weight of a bismaleimide such as herein described, and (c) from 20 to 89% by weight of an organic solvent selected from a group consisting of C₆ alcohols, aromatic alcohols, phenols, cresols, xlenols and mixtures thereof, at a temperature of 20 to 180°C.

(Com. - 13 pages)

Ind. Class - 172-D²

175892

Int. Cl.⁴ - B 65 H 49/34.

A THREAD RECEIVING TUBE FOR USE IN A THREAD SPINNING MACHINE SPINNING AT A HIGH SPEED OF ROTATION.

Applicant : MASCHINENFABRIK RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND OF CH-8406, WINTERTHUR, SWITZERLAND.

Inventors : (1) RAINER BUSCH
(2) LUDEK MALINA

Application No. 185/Mas/90 filed March 13, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

12 Claims

A thread received tube for use in a thread spinning machine spinning at a high speed of rotation comprising:

a hollow tubular body having an axis, the lower end of which being receivable on a spindle rotatable at a high speed, the said tubular body having downwardly projecting lips at its lower end which are rigid and resiliently deformable for deforming the resilient lips outwardly upon increasing rotation of the tubular body around its axis.

(Com. - 9 pages; Drwg. 1 sheet)

Ind. Class - 65-B₂&₃

175893

Int. Cl.⁴ - H 01 F 27/06

AMORPHOUS METAL CORE TRANSFORMER.

Applicant : ASEA BROWN BOVERI INC., A CORPORATION OF THE STATE OF DELAWARE, U. S. A., OF 2975 WESTCHESTER AVENUE, PURCHASE, NEW YORK, U.S.A.

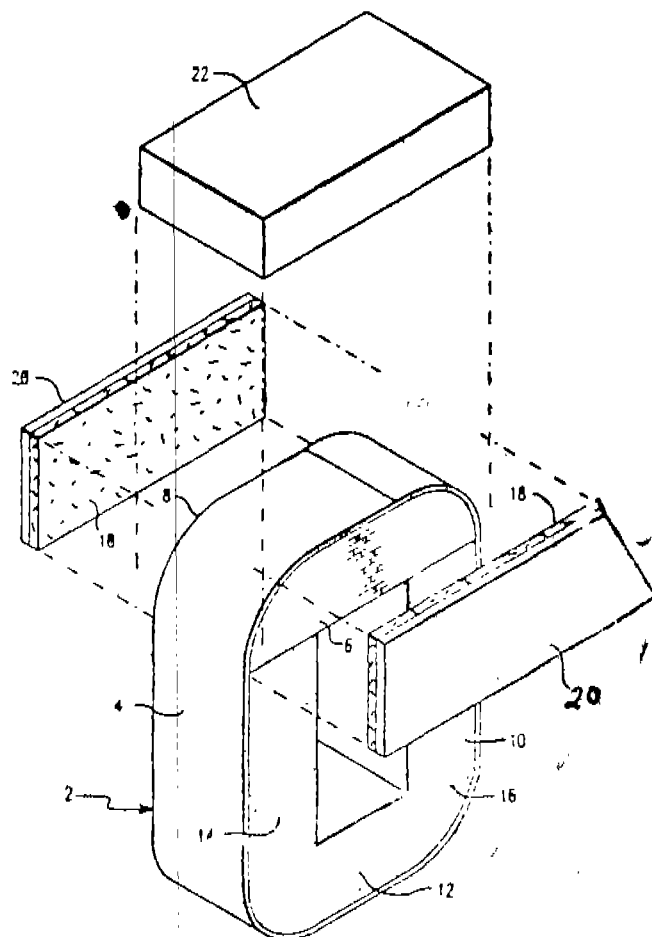
Inventors : (1) FRANK HENRY GRIMES
(2) TERRENCE EARL CHENOWETH

Application No. -186/Mas/90 filed March 14, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 Claims

An amorphous metal core transformer comprising a three-legged amorphous metal core having a joint; a top portion and a bottom portion; oil compatible porous pads positioned on either face of said joint of the amorphous metal core; pressure plates positioned in generally intimate contact with said oil compatible porous pads; and framing means positioned to secure said oil compatible porous pads and said pressure plates to said amorphous core face hereby forming a core assembly.



(Com. - 12 pages; Drawgs. - 2 sheets)

Int. Cl.⁴ - 107-C&G

175894

Int. Cl.⁴ - F 02 B 33/14.

INTERNAL COMBUSTION ENGINE.

Applicant & inventor : BERNARD HOOPER, A BRITISH SUBJECT OF HIGH WOODLAND, LITTLE GAIN, HILTON, Nr. BRIDGENORTH, SHROPSHIRE WV15 5PA, UNITED KINGDOM.

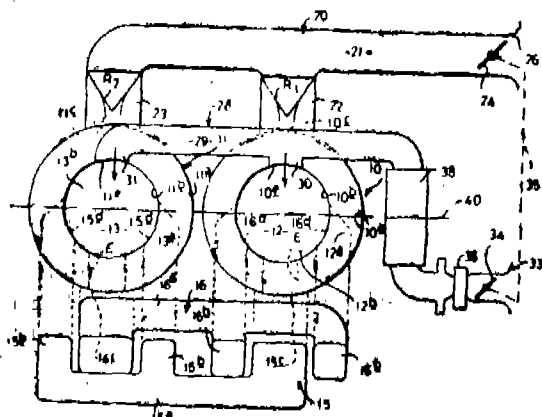
Application No. 193/Mas/90 filed March 15, 1990.

Convention date : March 18, 1989 (No. 8906279.8; United Kingdom).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

16 Claims

An internal combustion engine comprising at least one combustion chamber having a piston movable therein, a first inlet means to provide primary air to the combustion chamber, secondary inlet means to provide a secondary air/fuel mixture to the combustion chamber, the first inlet means comprising a first air intake and a first throttle to control the amount of primary air passing to the combustion chamber, a piston of the engine being operable for precompressing the primary air prior to entry into the combustion chamber, the second inlet means comprising a second air intake and a second throttle which is coupled to the first throttle to operate in synchronism with the first throttle to control the amount of secondary air in the secondary air/fuel mixture, means to mix fuel with the secondary air, and charging means comprising a separate pump driven from, and in synchronisation with the engine to drive at least the air for the secondary air/fuel mixture towards the combustion chamber.



(Com. 15 pages; Drawgs. - 2 sheets)

Ind. Class - 140 B₈

175895

Int. Cl.⁴ - C 10 G 45/00.

A PROCESS FOR PURIFYING A HYDROCARBON CHARGE CONTAINING IMPURITIES SUCH AS MERCURY, SULPHUR, ARSENIC AND NITROGEN.

Applicant : INSTITUT FRANCAIS DU PETROLE, OF 4, AVENUE DE BOIS PREAU 92502, RUEIL MALMAISON, FRANCE, A FRENCH BODY CORPORATE.

Inventors : (1) P. COURTY
(2) P. DUFRESNE
(3) J. P. BOITIAUX
(4) G. MARTINO.

Application No. 196/Mas/90 filed March 15, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

16 Claims

A process for purifying a hydrocarbon charge containing impurities such as mercury, sulphur, arsenic and nitrogen comprising reacting a mixture of hydrogen and the hydrocarbon charge in the presence of an arsenic collecting material with catalytic properties containing at least one metal N selected from nickel, cobalt, iron, palladium and platinum;

at least one metal N selected from chromium, molybdenum, tungsten and uranium and optionally with one active phase carrier based on at least one porous inorganic matrix such as herein described and a mercury collecting material containing sulphur or sulphide of at least one metal P selected from copper, iron and silver and an active phase carrier to obtain purified hydrocarbon wherein arsenic and mercury are collected by the arsenic collecting material and mercury collecting material respectively and the remaining impurities are removed simultaneously by hydrodesulphurisation, hydrodenitrication and hydrogenation.

(Com. 37 Pages

No. drwgs.)

Ind. Class : 116-G

175896.

Int. Cl.⁴ : B 65 G 47/91.

A VACUUM PICKUP BAR FOR TRANSFERRING A ROW OF HOT BOTTLES FROM A MACHINE CROSS CONVEYOR TO A MOVING LEHR MAT.

Applicant : OWNES-BROCKWAY GLASS CONTAINER INC., OF ONE SEAGATE, TOLEDO, OHIO 43666, U.S.A., A CORPORATION OF THE STATE OF DELAWARE, U.S.A.

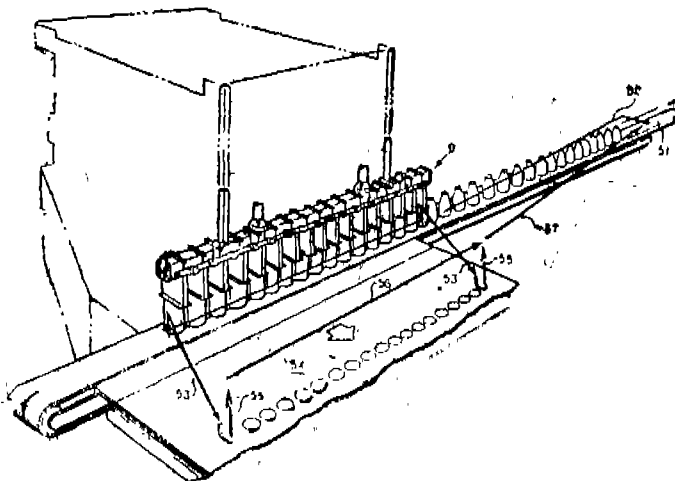
Inventor : FRANK J. DIFRANK.

Application No. 261/Mas/90 filed April 9, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Madras Branch.

7 Claims

A vacuum pickup bar for transferring a row of hot bottles from a machine cross conveyor to a moving Lehr Mat, comprising an elongated manifold, a pair of heat resistant, air impervious curtains, each said curtain having a length that is sufficient to extend the length to an entire row of bottles to be transferred from the cross conveyor and to extend about one-half the external circumference of each bottle, pairs of horizontal support plates equal in number to the bottles to be transferred and extending in equispaced relationship along the length of said manifold, means pivotally mounting each individual support plate to the manifold, each support plate having an external configuration in the form of a semi-circle, means mounting each curtain to a respective row of support plates, said pivot means for each support plate having a pivot axis which is parallel to the length of the curtain and means connected between said manifold and the interior of said support plates for generally confining vacuum in said manifold to the area between said curtains and the pivotal supports and therefore, means applying a vacuum operably connected to the manifold whereby vacuum in the manifold will move the curtains toward each other to grasp the entire row of bottles and means for moving the manifold and grasped bottles, as a unit from the conveyor and release the bottle on the surface of the Lehr mat.



(Com.—18 pages;

Drawgs.—5 sheets)

Dwggs.—3 sheets).

Ind. Class : 70-B.

175899.

Int. Cl. : C 25 B 11/02.

AN IMPROVED ELECTRODE FOR ELECTROLYSIS AND A METHOD OF PRODUCING THE SAID ELECTRODE.

Applicant : PERMASCAND AB, A SWEDISH COMPANY, GIF POST OFFICE BOX 42, S-840 10, LJUNGAVERK, SWEDEN.

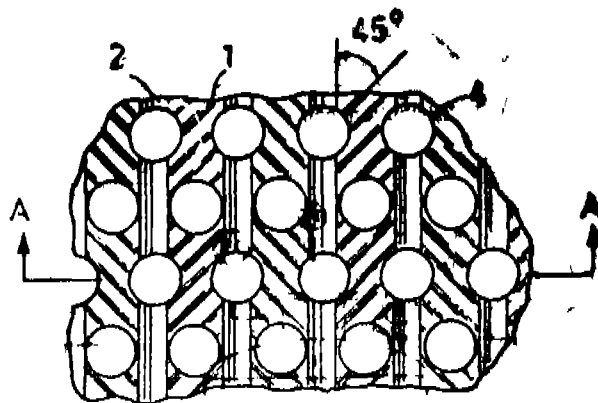
Inventor : ANDERS ULLMAN.

Application No. 550/MAS/90 filed July 9, 1990.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

15 Claims

An improved electrode for electrolysis, comprising an electrically conducting metal, the surface of which is embossed with at least one central, vertical circulation channel (2) and upwardly directed channel (1) in a herring-bone pattern, the upwardly directed channel (1) forming an angle of $< 90^\circ$ with a horizontal line in a plane of the electrode surface, and communicating with the centrally positioned, vertically directed, circulation channel (2).



(Com. 17 pages;

Drawgs. 3 sheets)

Ind. Class : 55-E.

175900.

Int. Cl. : A 61 K 39/00.

A PROCESS FOR THE PREPARATION OF A VACCINE AGAINST TUBERCULOSIS.

Applicant : ASTRA RESEARCH CENTRE INDIA, A REGISTERED INDIAN SOCIETY, OF 18TH CROSS, MALLESWARAM, BANGALORE-560 003, KARNATAKA STATE, INDIA.

Inventors : (1) Dr. CHINNASWAMY JAGANNATH
(2) Dr. MEENAKSHI BALGANESH
(3) Dr. BACHALLY RAMASASTRY SRINIVASA.

Application No. 258/MAS/93 filed April 12, 1993.

Divisional to Patent Application No. 938/MAS/89; Antedated to 22nd December, 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

2 Claims

A process for the preparation of a vaccine against tuberculosis comprising:

(i) preparing an antigen of either the novel protein of the formula as defined in Fig. 5, or its derivatives such as the peptide sub-structures of the formula given below :

SEFAYGSEFVR
RATYDKRYEVR
AELPGVDPDCDVCIFR

said protein being prepared by culturing Mycobacterium Tuberculosis by the method such as herein described and separating the protein, so obtained, by any known method.

(ii) formulating in a known manner such as herein described the said antigen of the novel protein/peptide in pharmaceutically effective dose in a known pharmaceutically acceptable adjuvant such as herein described.

(Com. 23 pages;

Drawgs. 3 sheets).

Ind. Cl. : 136 E (xii).

175901

174 E (LII (4)).

Int. Cl. : B 60 C, 11/02

B 27 N 3/08.

B 29 C 39/02.

IMPROVED PROCESS FOR MANUFACTURING MULTILEAF MOULDED SANDWICH PACK OF INDIVIDUALLY MOULDED FRP LEAVES INTERLEAVED WITH POLYMERIC PADS AND/OR HYBRID SANDWICH PACK OF FRP MOULDED SPRING LEAVES AND SPRING STEEL LEAVES INTERLEAVED WITH ADHESIVELY STUCK POLYMERIC PADS.

Applicants : THE DIRECTOR, THE AUTOMOBILE RESEARCH ASSOCIATION OF INDIA (AN INDIAN RESEARCH ORGANIZATION JOINTLY SPONSORED BY THE AUTOMOBILE INDUSTRY, AND MINISTRY OF INDUSTRY, GOVERNMENT OF INDIA) SURVEY NO. 102, VETAL HILL, PUNE-411004.

Inventor :

- (1) SHRI ZIA-UR-REHMAN ABDUL REHEMAN MUJAWAR.
- (2) SHRI AVINASH RAGHUNATH ARANKALLE.
- (3) SHRI KIRAN GOVIND PARDESHI.

Application No. 224/BOM/92 filed on 15-7-92.

Addition to No. 341/BOM/90 dated 20-12-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

15 Claims

Improved process for manufacturing FRP sandwich pack comprising the steps of individually moulding, curing and stabilizing FRP laminate sections in respective individual moulds in accordance with the process claimed in our Patent No. 171884 characterized in that said process includes the steps of: (i) removing stabilized moulded leaf spring laminate sections from respective moulds and trimming to desired sizes; (ii) building up a stack of individually moulded stabilized FRP leaf spring laminate sections of step (i) by interleaving plurality of spaced apart adhesively stuck polymeric pads/buffers; (iii) clamping said sandwich pack of step (ii) by known clamps to form a main FRP sandwich pack; and (iv) further clamping to a vehicle chassis in known manner said FRP sandwich pack of step (iii) having specified spring rate and characterized further in that in step (v) said clamped main FRP spring pack of step (iv) is provided at its top or bottom a helper leaf spring formed other than said single of sandwich pack of FRP sandwich pack laminate or a spring steel leaf carrying adhesively stuck polymeric pads/buffers and clamped to vehicle chassis for augmenting load bearing capacity of said main leaf spring sandwich pack.

(Compl. Specn. 25 pages;

Drawgs. 8 sheets)

Ind. Cl. : 129P (Gr. XXXV)

175902

2 Claims

Int. Cl. : B 23 B—3/00.

A HEAVY DUTY HIGH TORQUE LATHE.

Applicant: R. B. RESHELLERS PVT. LTD. AN INDIAN COMPANY, OF PLOT NO. D-5 & D-15 MIDC INDUSTRIAL ESTATE, SHIROLI, KOLHAPUR-416 122, MAHARASHTRA STATE, INDIA.

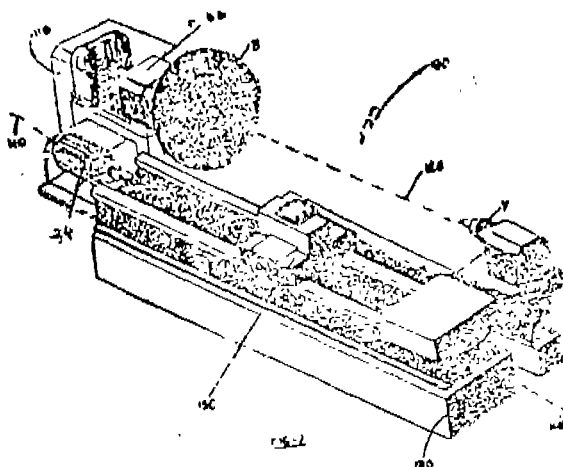
Inventor: ANANT SHRINIWASRAO HUIL GOL.

Application No. 246/Bom/92 filed on 10-08-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

3 Claims

A heavy duty high torque lathe comprising a fixed head stock mounted on a foundation; and adjustable and movable tail stock provided on a first axis defined between the said tail stock and the head stock, along which axis a job can be positioned for machining, said tail stock being mounted on a first movable carriage, which can be displaced along a rail means secured to a lathe bed; said rail means defining a second axis parallel and adjacent to the said first axis defined between the fixed head stock and the tail stock; a second carriage displaceable along the said rails means for removably mounting a tool thereupon and displacing the said tool between the head stock and the tail stock for carrying out machining operations on a job positioned between the head stock and the tail stock.



(Compl. Specn. 10 pages;

Drwgs. 4 sheets)

Ind. Cl. : 98 D E Gr. [VII (2)]

175903

176 I Gr. [XLV (4)]

Int. Cl. : F 28 G—1/12.

AN IMPROVED SOLID-LIQUID FLUIDISED EXCHANGER.

Applicant: PRAJ COUNSFLTECH PVT. LTD. 1216/6, FERGIUSON COLLEGE ROAD PUNE 411 004, MAHARASHTRA STATE, INDIA A PRIVATE LIMITED COMPANY DULY REGISTERED AND INCORPORATED UNDER THE COMPANIES ACT, 1956.

Inventors:

- (1) SHASHANK INAMDAR.
- (2) NANDAKUMAR PRADHAN.
- (3) SADANAND KONCHADY.

Application No. 263/Bom/1992 filed on 02-09-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

An improved solid-liquid fluidised heat exchanger comprising of shell having three different functional chambers viz., a lower fluidising chamber, a middle chamber and an upper chamber, the said lower chamber being provided with an inlet in bottom portion having a dome shaped distribution cap placed over it for letting in the tubeside liquid with the help of a pump, a perforated distribution plate located above the said dome shaped distribution cap in the said lower fluidising chamber, a plurality of solid bodies initially introduced into the said lower fluidising chamber through an inlet provided in the said upper chamber, a plurality of tubes provided in the said middle chamber fitted in between two plates at the two ends, the said tubes being open and projecting outside from the said tube plates at both the ends; an inlet and an outlet provided in the said middle chamber for the inlet and outlet of a heating fluid, the said upper chamber being provided with downwardly converging side walls/floor adjacent to the said middle chamber the top of the said upper chamber being provided with an outlet for taking out heated tube side liquid the said middle chamber being provided with a central tube of larger diameter for recirculating the said solid bodies which is flushed at the upper end with the said top plate and which extends downwardly at the lower end and passes through the said perforated distribution plate in the said lower fluidising chamber and ends just above the said dome shaped distribution cap.

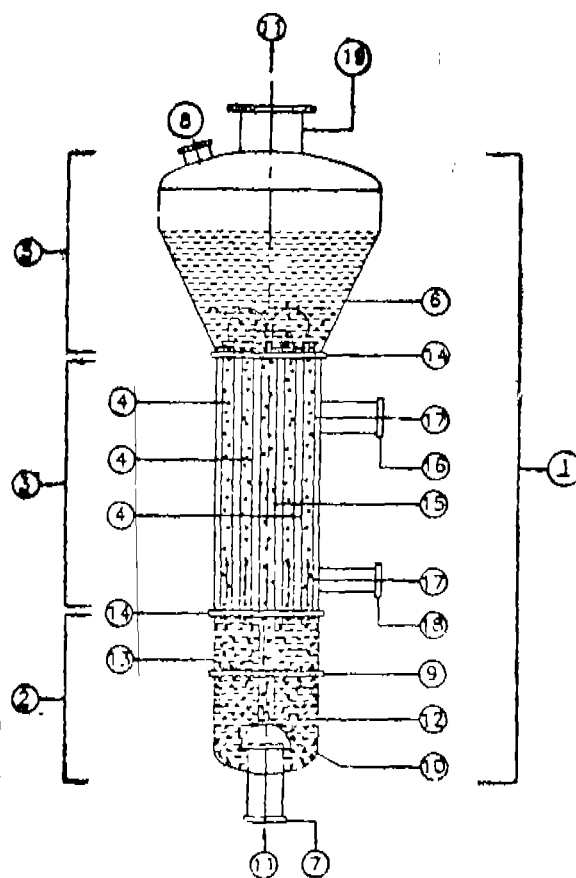


FIG - 1

(Compl. Specn. 7 pages;

Drwn. 1 sheet)

Ind. Cl. : 189 [L XVI (9)]

175904

Int. Cl. : A 61 K, 7/075.

HAIR CONDITIONING COMPOSITION.

Applicant: HINDUSTAN LEVER LTD., 165/166, BACKBAY RECLAMATION, BOMBAY-400020, MAHARASHTRA, INDIA.

Inventor: RUBY LOO BICK TAN-WALKER.

Application No. : 276/BOM/1992 filed September 11, 1992.

U. K. Priority date September 12, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office Branch, Bombay-13.

A hair conditioning composition comprising:

- (a) at least one cationic surfactant component, and
- (b) at least one highly alkoxyated anionic surfactant component having at least about 5 alkylene oxide residues per molecule.

(Compl. Specn. 14 pages;

Drwgs. Nil)

Ind. Cl. : 170 B Gr. [XLIII (4)]
189 Gr [LXVI (9)].

175905

Int. Cl. : C 11 D—9/44.

A POROUS INORGANIC CARRIER AND DETERGENT COMPOSITIONS CONTAINING THE SAME.

Applicants: HINDUSTAN LEVER LTD. HINDUSTAN LEVER HOUSE 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors:

- (1) PETER FREDERICK GARNER-GRAY.
- (2) ALEXANDER MARTIN.
- (3) JOHN ROBERT MARTIN.
- (4) MAWRICE WEBB.

Application No. 313/Bom/1992 filed on 01-10-92.

U.K. Priority date 02-10-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-13.

7 Claims**A composition comprising:**

- (i) a porous inorganic carrier particle which is hydrophobic as herein defined and has a pore volume of at least 0.1 ml/g consisting of pores with a diameter of 7 to 50 Å, together with
- (ii) a perfume absorbed into said particle by a physical process.

(Compl. Specn. 34 pages;

Drwg. Nil)

Ind. Cl. : 39 O (III)

175906

Int. Cl. : A 61 K 7/16

A PROCESS OF PREPARING AN AMORPHOUS SILICA.

Applicants: M/s. HINDUSTAN LEVER LTD. HINDUSTAN LEVER HOUSE 165/166, BACKBAY RECLAMATION BOMBAY-400020, MAHARASHTRA, INDIA A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventors:

- (1) IAN PATRICK MCKEOWN.
- (2) PETER WILLIAM STANIER.

Application No. 314/Bom/92 filed on 1-10-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Bombay-13.

9 Claims**A process of preparing amorphous silica having**

- (i) a BET surface area in the range from about 100 to 450 m²/g,
- (ii) a weight mean particle size in the range 5 microns to 15 microns, with less than 10% of the weight particle size distribution greater than 20 microns,
- (iii) a plastics abrasion value in the range from 16 to 26,
- (iv) a mean pore diameter in the range from 2 nm to 12 nm,
- (v) a transmission of at least about 70% in the refractive index range of 1.430 to 1.443, and
- (vi) an oil absorption in the range from 70 to 130 cm²/100g. which comprises:
 - (a) admixing sodium silicate solution with electrolyte solution in water;
 - (b) heating the admixture to a temperature between 50°C and 98°C;
 - (c) adding sodium silicate solution and sulphuric acid to the admixture of step (b) at a uniform flow rate with constant stirring to obtain a slurry having a constant pH;
 - (d) adding further sulphuric acid into said slurry to reduce the pH thereof by maintaining the temperature of the slurry; and finally,
 - (e) washing the resultant slurry with water and subjecting the filter cake thus obtained to flash drying followed by comminution to obtain amorphous silica of desired particle size.

(Compl. Specn. 24 pages;

Drwg. Nil)

Ind. Cl. : 93 [XXXIII (4)]

175907

Int. Cl. : B 05 B—1/02.

A PROCESS FOR TREATING AN AQUEOUS SLURRY OR SOLUTION OF DSOP AND A DEVICE THEREFOR.

Applicant: HINDUSTAN LEVER LTD. HINDUSTAN LEVER HOUSE 165/166, BACKBAY RECLAMATION BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors:

- (1) ABHJIT MUKHERJEE.
- (2) VIJAY MUKUND NAIK.
- (3) BAKUL DAVE.
- (4) ASHOK MAJUMDAR.

Application No. 318/Bom/1992 filed October 12, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Bombay Branch.

8 Claims

A process for treating an aqueous slurry or solution of DSOP having a solid content of upto 60% in the manufacture of TSPP therefrom, comprising feeding said DSOP slurry onto a horizontally rotating wheel or disc so as to impart on the slurry the desired centrifugal acceleration, subjecting the slurry ejecting out to fall and graze on the underside of a co-rotating inverted disc provided around the edge of the said wheel such that the slurry issues out along the inverted disc periphery or edge in the form of a thin liquid film.

(Compl. Specn. 7 pages;

(Provn. Specn. 5 pages;

Drwg. 1)
Drwg. Nil)

Ind. Cl. : 194 B [LXIII (4)]

175908

Int. Cl. : H01 s- 3/00, 3/04.

AN IMPROVED APPARATUS TO PRODUCE ND YAG LASER EMISSION.

Applicants : NAREN SHRIRAM SHIKARKHANE, 1/11, SAHAKAR NAGAR III, SHELL COLONY CHEMBUR, BOMBAY-400 071, MAHARASHTRA, INDIA.

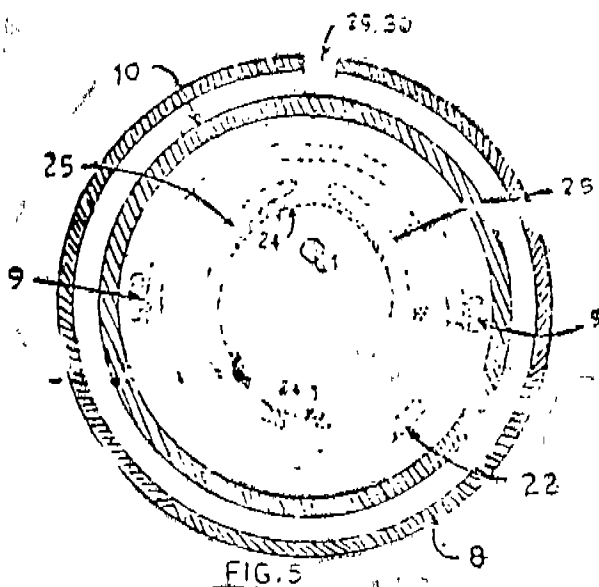
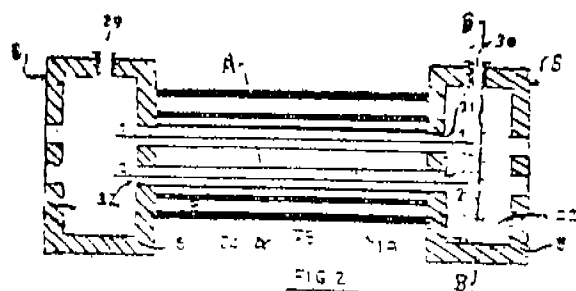
Inventor : NAREN SHRIRAM SHIKARKHANE.

Application No. 332/BOM/92 filed on 22-10-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Bombay-400 013.

1 Claim

An improved apparatus (4) to produce Nd YAG laser emission comprising of a metal base (5) supported on pedestal (6) a laser head, provided in the middle portion of the said metal base, a pair of mirrors 17A-17B, securedly held over mounts (18) being provided over the said metal base on the two said laser head, a beam expander (20) being mounted with the help of a firm support (21) on the said metal base characterised in that the laser head comprises a pair of end blocks (8) serving as reservoir (23), a closed chamber (10) accomodating therein a reference pipe (22) fixed to the said end blocks, a flexible/tunable elliptical reflector being provided inside the reference pipe, the said flexible elliptical reflectors preferably consisting of a pair of elliptical split rings (25) surrounding a thin brightly coated metal pipe reflector (24), a pair of grub screws passing through the said reference pipe and abutting the said elliptical split rings, a laser rod, (1) and an arc lamp (2) being provided inside the said thin metal pipe reflector, a flow tube (31 & 32) provided over each of the said laser rod and the arc lamp and being connected to the said reservoir on the laser rod said reservoirs being connected to cooling water supply source through a circulating pump.



(Comp. Specn. 6 pages;

Drgs. 2 sheets)

Int. Cl. : B 01 D—21/24

175909

Ind. Cl. : 201 D II (4).

MODIFIED CLARIFLOCCULATOR.

Applicant & Inventor : ANAND GOVIND BHOLE QR. NO. 7, VISVESVARAYA REGIONAL COLLEGE OF ENGG. NAGPUR 440 011, MAHARASHTRA, INDIA.

Application No. 17/Bom/1993 filed January 18, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Bombay Branch.

9 Claims

A modified clariflocculator consists of (a) an inner flocculator unit with centrally located vertical inlet pipe having openings at its upper end for water inlet and a plurality of paddles and baffles, the paddles placed radially in such an order that the paddles near the periphery are minimum in number per meter length of radius, may be minimum one, the number of paddles per meter length is the largest, say between 5 to 10 in number per meter length at the inlet pipe, a variable rpm motor with pulley system, another pulley system and sleeves attached to the central shaft supporting the plurality of paddles, the two pulley systems properly attached to each other with the help of strings resulting high rpm (range : 15 to 25 rpm) for the paddle, the rpm reducing towards the periphery of the flocculation tank, the least rpm (range : 1 to 2 rpm) for the paddles located at the periphery, the bottom of the flocculation tank sloping towards the periphery, the outlet for flocculated water through the peripheral gap between the bottom of the tank and the peripheral partition wall of the flocculator, the upper edge of the wall being always above water level, (b) an outer coaxial high rate sedimentation tank comprising an inlet zone, outlet zone, inclined tube settler unit between the two zones, the tube settler unit consisting of a plurality of radially oriented inclined tubes placed parallel, one above another, the lower ends of the inclined tubes facing the inlet zone and the upper end towards the outlet zone of the sedimentation unit, the slope of the sedimentation tank the same bottom the same as that of the inclined tubes i.e. towards the central inlet pipe, a circular clear water collecting channel at the upper part outside the outlet zone of the sedimentation tank, such that the weir level of the collecting channel is above the outlet level of the uppermost tubes resulting submergence of the tubes in water at all the times during operation, (c) a centrally located hopper bottomed sludge collection tank below the flocculation tank, the bottom of the sludge collection tank being the extension of the sloping bottom of the sedimentation tank, the sludge inlet of the sludge collection tank in the form of a circular vertical opening between the bottom of the flocculator and the bottom of the sludge collection tank, the sludge outlet arrangement in the form of a pipe with a valve.

(Compl. Specn. 12 pages;

Drgs. 2 sheets)

Ind. Cl. : 170 D [XLIII (4)]

175910

Int. Cl. : C 11 D, 03/39.

A DETERGENT COMPOSITION IN SEMI-SOLID FORM.

Applicants : HINDUSTAN LEVER LTD., 165/166, BACK-BAY RECLAMATION, BOMBAY 400 020, MAHARASHTRA, INDIA.

Inventor : PHILIP RICHARD HORMAN EYMOND.

Application No. 83/BOM/1993 filed March 23, 1993.

U.K. Convention date March 24, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Bombay-13.

7 Claim

1. A detergent composition in semi-solid form comprising:

- (a) a non-soap surface active material is selected from anionic, nonionic, amphoteric, betaine, zwitterionic, cationic active and mixtures thereof;
- (b) a precipitating builder which forms a calcium salt which is substantially insoluble in water in an amount such that its anhydrous weight is at least 5% by weight of the composition; and
- (c) a lather boosting additive selected from urea, substituted urea and alkali metal alkyl benzene sulpho-nates in an amount from 1 to 5% weight of the composition;

and in which the total amount of water soluble phosphate containing sequestering builder selected from alkali metal triphosphate, pyrophosphate and tripolyphosphate is less than 30% by weight based on the amount of precipitating builder in the composition.

AMENDMENT PROCEEDING UNDER SECTION 57

Notice is hereby given that Tata Oil Mills Company Ltd., an Indian Company of 24, Homi Mody Street, Fort, Bombay 400 001, Maharashtra, India have made an application under Section 57 of the Patents Act, 1970 for amendment of the application for Patent/Complete specification of their patent No. 169427 (252/BOM/1989) for 'A process for the manufacture of plant growth regulator from rice bran fatty acid distillation residue'. The TATA OIL MILLS COMPANY LIMITED has amalgamated with HINDUSTAN EVER LIMITED as of close business on 28th December 1994. The application for amendment and proposed amendment can be inspected free of charge of the patent office branch, Todi Estate, IIIrd Floor, Sun Mill Compound, Lower Parel (West), Bombay 400 013 on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file the notice of opposition on the prescribed Form 30, along with full written statement within three months from the date of their notification at the Patent Office Branch, Bombay. If full written statement of opposition is not filed with the notice of opposition it should be filed within one month from the date of filing the said notice of opposition.

Notice is hereby given that SAMSUNG ELECTRON DEVICES CO. LTD. a Korean Corporation of 575, Shin-Ri, DAEJAN-EUB, Hwaseong-gun, Kyunggi-do, Republic of Korea, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 174669 (615/Cal/90) for "pre-heating solution for manufacturing a Luminescent screen of color cathode ray tube".

Amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020. If the written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 172675 dated the 6th May 1991 made by Ravi Kamal Bali on the 9th January 1995 and notified in the Gazette of India Part III, Section 2, dated the 25th March 1995 has been allowed and the said patent restored.

RENEWAL FEES PAID

155371 156311 157380 157696 157714 158649 158650 158816
158902 158931 159012 159038 159156 159285 159406 159407
159612 160102 160164 160386 161028 161136 161634 161823
163102 163118 163219 163617 164411 164697 165229 165251
165438 165510 165726 166144 167079 167267 167613 167620
167668 167920 167953 167955 168399 168416 168728 168874
168919 169031 169613 169755 170435 170449 170658 170678
170711 170767 170773 171086 171282 171612 171646 171649
171797 171827 172009 172109 172135 172304 172312 172313
172316 172329 172511 172597 172632 172686 172748 172751
172971 173009 173034 173081 173084 173088 173090 173280
173331 173413 173422 173491.

CESSATION OF PATENTS

161198 161277 161306 161308 161314 161315 161336 161341
161351 161359 161363 161388 161396 161400 161407 161438
161462 161513 161544 161549 161553 161577 161584 161595
161596 161608 161617 161622 161677 161682 161687 161698
161757 161759.

PATENT SEALED ON 22-09-95

174426* 174863 174864 174865 174866 174867 174868
174869 174870 174872 174873* 174874 174875 174876
174877 174878* 174879 174880 174882 174883 174884
174885 174886 174888 174889 174890.

CAL-09, DEL-08, BOM-01, MAS-08.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Section 87 of the Patents Acts, 1970 from the date of expiration of three years from the date of sealing.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 167935, Singer India Limited, an Indian company registered under the Companies Act, 1956, of 3, Devika Tower, 6, Nehru Place, New Delhi 110019, "SINGER COBRA MODEL 9032 MOTORISED SEWING MACHINE", 22nd August 1994.

Class 1. No. 167048, Kim Kraft Pvt. Ltd., of 20, Patparganj village, New Delhi, India, "JEWELERY SET", 21st March 1994.

Class 1. No. 168424, Earl Bihari Pvt. Ltd., an Indian company, of 148-F, St. Cyril Road, Bandra, Bombay 50, Maharashtra, India, "HINGE", 24th November 1994.

Class 1. No. 168425, Earl Bihari Pvt. Ltd., an Indian company, of 148-F, St. Cyril Road, Bandra, Bombay 50, Maharashtra, India, "DOOR WEDGE", 24th November 1994.

Class 3. No. 168187, Sega Enterprises Ltd., of No. 2-12 Haneda 1-Chome, Ohta-ku, Tokyo 144, Japan, "AUXILIARY CONNECTOR FOR STORAGE MEDIUM", 3rd October 1994.

Class 3. No. 168614, The Gillette Company, a Delaware corporation of Prudential Tower Building, Boston, Massachusetts 02199, U.S.A., "RAZOR BLADE CARTRIDGE DISPENSER", 11th January 1995.

- Class 3. No. 168080, Metacaps Industries, a registered partnership firm of 72/77 Raja Industrial Estate, P.K. Road, Mulund (West) Bombay 80, Maharashtra, India, "CONTAINER", 13th September 1994.
- Class 3. No. 168283, Nishat Perfumery Company, a partnership firm of Baitan Bazar, Moradabad 244001, U.P., India, "BOTTLE", 20th October 1994.
- Class 3. No. 167145, Suresh Purnanand Vaid, Indian national of 403, Anand Asharam, 4th floor, Marve Road, Malad (W), Bombay 64, Maharashtra, India and Setu Purnanand Vaid, Indian national of Selverine Bldg. 1st floor, Altamount Road, Bombay 26, Maharashtra, India, "CONTAINER-CUM-DIS-PENSER FOR MEDICINE", 4th April 1994.
- Class 3. No. 167908, Freemans Tools, a registered partnership firm at B XXXV/1380 A, Barewal Road, Ludhiana 141001, Punjab, India, "HANDLE FOR SCREW DRIVER", 17th August 1994.
- Class 3. No. 167712, Kewalraj & Company Private Limited, an Indian company of E 3, Cuffe Castle, Cuffe Parade, Bombay 400005, Maharashtra, India, "TOOTH BRUSH", 29th June 1994.
- Class 3. No. 167561, Ellora Time Pvt. Ltd., Orpat Industrial Estate, Rajkot Highway, P.B. No. 115, Morbi, Gujarat 363641, India, a private limited company incorporated under the Indian Companies Act, State of Gujarat, India, "CALCULATOR", 24th May 1994.
- Class 3. No. 168033, Nirma Chemicals Works, a registered partnership firm of Nirma House, Ashram Road, Ahmedabad 380009, Gujarat, India, "BOTTLE", 1st September 1994.
- Class 3. No. 168409, Tidy Home Products Pvt. Ltd., an Indian company registered under the Companies Act, 1956, of M 4, Commercial Complex, Greater Kailash II, New Delhi 48, India, "A BOTTLE", 17th November 1994.
- Class 3. No. 168103, The Procter & Gamble Company, a corporation organized and existing under the laws of the State of Ohio, U.S.A., of One Procter & Gamble Plaza, Cincinnati, State of Ohio, U.S.A., "BOTTLE WITH CAP", 14th September 1994.
- Class 3. No. 167517, R & C Products Pvt. Ltd., an Australian company of 33 Hope Street, Ermington, New South Wales, 2114, Australia, "INTEGRATED ACTUATOR OVERCAP", 22nd November 1993.
- Class 3. No. 167989, Raj Brothers., of 3, Amratalla Street, Calcutta 700001, W. Bengal, India, "BALL POINT PEN", 25th August 1994.
- Class 3. No. 169024, MRF Limited, 124 Greaves Road, Madras-6, Tamilnadu, India, "PRECURED TREAD RUBBER", 18th April 1995.
- Class 3. No. 168292, Unilever PLC., a British company of Unilever House, Blackfriars, London EC4P 480, England, "THERMOMETER HOLDER", 25th October 1994.
- Class 3. No. 168034, The Panda Project, a corporation duly organised and existing under the laws of State of Florida, U.S.A. of 5201 Congress Avenue, Suite C100, Boca Raton, Florida 33487, U.S.A., "CABINET FOR COMPUTERS", 1st September 1994.
- Class 3. No. 168433, Crystal Plastic & Metallizing Pvt. Ltd. a private limited company incorporated under the Indian companies act having its registered office at Sanghi House, Palkhi Galli, Off Veer Savarkar Marg, Prabhadevi, Bombay 25, Maharashtra, India, "COMB", 28th November 1994.
- Class 3. No. 168526, Samsonite Corporation, a corporation organised under the laws of the State of Delaware, U.S.A. of 11200 East 45th Avenue, Denver, Colorado 80239, U.S.A., "SUITCASE", 12th July 1994.
- Class 3. No. 168077 & 168079, Jagsonpal Pharmaceuticals Ltd., T-201J, Shahpur Jat, New Delhi-16, India, a company duly incorporated under the Indian Companies Act, 1956, "DISPOSABLE SYRINGE", 12th September 1994.
- Class 3. No. 168143 & 168144, The Goodyear Tire & Rubber Company, a corporation organised under the laws of the State of Ohio, with offices at 1144 East Market Street, Akron, Ohio 44316-0001, U.S.A., "AUTOMOBILE TIRYE", 26th September 1994.
- Class 3. No. 167865 & 167866, Palimontial S.A., of 32, rue Jean-Pierre Brasseur, L-1258, Luxembourg, Grand-Duchy of Luxembourg, "AN ELEMENT FOR A CONSTRUCTION GAME" 8th August 1994.
- Class 3. No. 168485, Shaw Wallace & Company Limited, 4, Bankshall Street, Calcutta 700001, West Bengal, India, a company registered under the Indian Companies Act, 1913, "BOTTLE", 8th December 1994.
- Class 4. No. 168486, Shaw Wallace & Company Limited, 4, Bankshall Street, Calcutta 700001, West Bengal, India, a company registered under the Indian Companies Act, 1913, "BOTTLE", 8th December 1994.
- Class 4. No. 167651, Shaw Wallace & Company Limited, 4, Bankshall Street, Calcutta 700001, West Bengal, India, a company registered under the Indian Companies Act, 1913, "BOTTLE", 17th June 1994.
- Class 4. No. 167968, KENZO, a French company of 3, Place Des Victoires, 75001, Paris, France, "BOTTLE", 23rd August 1994.

R. A. ACHARYA

Controller General of Patent, Design & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1995

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1995